

COMPAGNIE EUROPEENNE DU ZIRCONIUM-CEZUSMethod for the Production of a Semi-Finished Product made of Zirconium Alloy
for the Production of a Flat Product and Use ThereofABSTRACT OF THE TECHNICAL CONTENT OF THE INVENTION

A large ingot (1) is produced by casting the zirconium alloy, then the ingot is forged to obtain the semi-finished product (8). The semi-finished product (8) which can be a slab for production of a flat product is produced from the large cast ingot (1) in a single forging operation (7) at a temperature at which the zirconium alloy is in a state comprising both the crystalline α and β phases of the alloy.

Figure 2.